

REQUEST

International Application No.		
International Application No.		
	,	
International Filing Date	, <u> </u>	——

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	Name of receiving Of	fice and "PCT International Application"	
	Applicant's or agent's (if desired) (12 charact	s file reference ters maximum) SMC 60512X/WO	
Box No. I TITLE OF INVENTION PROCESS FOR PREPARING OLIGONUCLEO	TIDES		
Box No. II APPLICANT This person	n is also inventor		
Name and address: (Family name followed by given name; for a legal enti The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	he address indicated in this	Telephone No. +44 161 740 1460	
Avecia Limited		Facsimile No. +44 161 795 6005	
Hexagon House Blackley, Manchester		Teleprinter No.	
M9 8ZS United Kingdom		Applicant's registration No. with the Office	
State (that is, country) of nationality: GB	State (that is, country) GB	of residence:	
This person is applicant for the purposes of: all designated the United States	States except ates of America	the United States of America only the States indicated in the Supplemental Box	
Box No. III FURTHER APPLICANT(S) AND/OR (FURTH	IER) INVENTOR(S)		
Name and address: (Family name followed by given name; for a legal entity. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence MOODY, David John Earls Road Grangemouth Stirlingshire FK3 8XG United Kingdom	e address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office	
State (that is, country) of nationality: GB	State (that is, country) GB	of residence:	
This person is applicant for the purposes of: all designated the United States all designated the United States	States except tes of America	he United States of America only the States indicated in the Supplemental Box	
Further applicants and/or (further) inventors are indicated on	a continuation sheet.		
Box No. IV AGENT OR COMMON REPRESENTATIVE;	OR ADDRESS FOR	CORRESPONDENCE	
The person identified below is hereby/has been appointed to act on of the applicant(s) before the competent International Authorities as	behalf s:	gent common representative	
Name and address: (Family name followed by given name; for a legal entity, The address must include postal code and name of cour REVELL, Christopher	ntry.)	Telephone No. +44 161 721 1142 Facsimile No.	
Avecia Limited		+44 161 721 5801	
Intellectual Property Group	[Teleprinter No.	
PO Box 42, Hexagon House, Blackley Manchester M9 8ZS, United Kingdom	7	Agent's registration No. with the Office	
Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.			

Sheet	M 1_		
DIICCI	INO.	-	

Continuation of Box No. Its FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)			
If none of the following sub-boxes is used, this sheet should no	ot be included in the re	quest.	
Name and address: (Family name followed by given name; for a legal entitude postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence WELLINGS, Donald Alfred PO Box 42, Hexagon House Blackley, Manchester M9 8ZS	ne address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)	
United Kingdom		Applicant's registration No. with the Office	
State (that is, country) of nationality: GB	State (that is, country) GB	of residence:	
This person is applicant for the purposes of: all designated the United States all designated the United States		the United States of America only the States indicated in the Supplemental Box	
Name and address: (Family name followed by given name; for a legal entiry The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence MCCORMAC, Paul Earls Road Grangemouth Stirlingshire FK3 8XG United Kingdom	e address indicated in this	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office	
State (that is, country) of nationality: GB	State (that is, country) GB	of residence:	
This person is applicant all designated all designated for the purposes of:	States except tes of America	he United States the States indicated in the Supplemental Box	
Name and address: (Family name followed by given name; for a legal entity. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	address indicated in this is indicated below.)	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office	
State (that is, country) of nationality:	State (that is, country)	of residence:	
This person is applicant for the purposes of: all designated States all designated States all designated States		ne United States the States indicated in the Supplemental Box	
Name and address: (Family name followed by given name; for a legal entity, The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence is	address indicated in this is indicated below.)	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office	
State (that is, country) of nationality:	State (that is, country) o	f residence:	
This person is applicant all designated all designated States all designated States all designated States		e United States the States indicated in the Supplemental Box	
Further applicants and/or (further) inventors are indicated on a	another continuation sh	eet.	



Box No. V DESIGNATION OF STATES

Mark the applicable check-boxes below; at least one must be marked.

The following designations are hereby made under Rule 4.9(a):

Regional Patent

- EA Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova. RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
- EP European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT
- OA OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GQ Equatorial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line)

of protection or treatment desired,	pecify on dolled line)	
National Patent (if other kind of protection		
AE United Arab Emirates		NZ New Zealand
AG Antigua and Barbuda	HR Croatia	
AL Albania		. 🔀 PH Philippines
AM Armenia	ID Indonesia	PL Poland
AT Austria		
AU Australia		. 🔀 RO Romania
AZ Azerbaijan	IS Iceland	RU Russian Federation
BA Bosnia and Herzegovina	JP Japan	
BB Barbados	KE Kenya	. X SC Seychelles
BG Bulgaria	KG Kyrgyzstan	. 🔀 SD Sudan
BR Brazil	KP Democratic People's Republic	SE Sweden
BY Belarus	of Korea	. 🔀 SG Singapore
BZ Belize	KR Republic of Korea	. 🔀 SK Slovakia
CA Canada	KZ Kazakhstan	. 🔀 SL Sierra Leone
CH & LI Switzerland and Liechtenstein	LC Saint Lucia	TJ Tajikistan
CN China	LK Sri Lanka	TM Turkmenistan
CO Colombia	₩ LR Liberia	TN Tunisia
CR Costa Rica	LS Lesotho	TR Turkey
CU Cuba	LT Lithuania	TT Trinidad and Tobago
CZ Czech Republic	LU Luxembourg	
DE Germany		TZ United Republic of Tanzania
DK Denmark		■ UA Ukraine
DM Dominica	MD Republic of Moldova	
DZ Algeria		
EC Ecuador		
EE Estonia	MK The former Yugoslav Republic of	■ UZ Uzbekistan
ES Spain		VC Saint Vincent and the Grenadines
FI Finland	MN Mongolia	■ VN Viet Nam
GB United Kingdom	MWMalawi	■ YU Yugoslavia
	MX Mexico	ZA South Africa
GE Georgia		
GH Ghana		ZW Zimbabwe
	•	0.11.
Check-boxes below reserved for designating		
NI Nicaragua		
Ш	D	U

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

Supplemental Box

If the Supplemental Box is not used, this sheet should not be included in the request.

- If, in any of the Boxes, except Boxes Nos. VIII(i) to (v) for which a special continuation box is provided, the space is insufficient to furnish all the information: in such case, write "Continuation of Box No...." (indicate the number of the Box) and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:
- (i) if more than two persons are to be indicated as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;
- (ii) if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;
- (iii) if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. II" or "Continuation of Box So. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, Europeam or OAPI patent) for the purposes of which the named person is inventor;
- (iv) if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;
- (v) if, in Box No. V, the name of any State (or OAPI) is accompanied by the indication "patent of addition," or "certificate of addition," or if, in Box No. V, the name of the United States of America is accompanied by an indication "continuation" or "continuation-in-part": in such case, write "Continuation of Box No. V" and the name of each State involved (or OAPI), and after the name of each State (or OAPI), the number of the parent title or parent application and the date of grant of the parent title or filing of the parent application;
- (vi) if, in Box No. VI, there are more than five earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI.
- If, with regard to the precautionary designation statement contained in Box No. V, the applicant wishes to exclude any State(s) from the scope of that statement: in such case, write "Designation(s) excluded from precautionary designation statement" and indicate the name or two-letter code of each State so excluded.

Continuation of Box IV

FAWKES, David Melville GAIRNS, Raymond Stevenson LOCKE, Timothy John MAYALL, John MORPETH, Fraser Forrest PARLETT, Peter Michael SCHMITT, Maja SHELLER, Alan

All of Intellectual Property Group, Avecia Limited, PO Box 42, Hexagon House, Blackley, Manchester M9 8ZS, United Kingdom

Sheet	No.	 .5	
21166	410.	 	

Box No. VI PRIORIT	TY CLAIM			
The priority of the follow	ing earlier application(s) is here	by claimed:		
Filing date	Number	,	Where earlier application	is:
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application receiving Office
item (1) _{26/04/2002} 26 April 2002	0209539.6	GB		
item (2)				
item (3)				
item (4)				
item (5)				
Further priority claim	s are indicated in the Supplement	ntal Box.	<u> </u>	
The receiving Office is req if the earlier application was above as:	uested to prepare and transmit t is filed with the Office which for t	o the International Bureau the purposes of this international	a certified copy of the extional application is the re	arlier application(s) (only eceiving Office) identified
all items item	1(1) item (2)	item (3) item ((4)	other, see Supplemental Box
* Where the earlier applica Industrial Property or one I	tion is an ARIPO application, in Member of the World Trade Org	dicate at least one country ganization for which that ed	party to the Paris Conver arlier application was file	ntion for the Protection of ad (Rule 4.10(b)(ii)):
Box No. VII INTERNA	TIONAL SEARCHING AUT	HORITY		
international search, indical	earching Authority (ISA) (if two-	vo or more International Se letter code may be used):	earching Authorities are c	ompetent to carry out the
ISA / .EPO				
International Searching Aut	arlier search; reference to th hority):	at search (if an earlier sea	arch has been carried out	by or requested from the
Date (day/month/year)	Numbe	r Counti	ry (or regional Office)	
Box No. VIII DECLARA	TIONS			
The following declarations check-boxes below and indic	are contained in Boxes Nos. Vate in the right column the numb	/III (i) to (v) (mark the app per of each type of declarat	plicable ion):	Number of declarations
Box No. VIII (i)	Declaration as to the identity	of the inventor		:
Box No. VIII (ii)	Declaration as to the applica date, to apply for and be gran		international filing	:
Box No. VIII (iii)	Declaration as to the applica date, to claim the priority of		international filing	:
Box No. VIII (iv)	Declaration of inventorship (United States of America)	only for the purposes of the	he designation of the	:
Box No. VIII (v)	Declaration as to non-prejud	icial disclosures or excepti	ions to lack of novelty	:

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Box No. IX CHECK LIST; LANGUAGE	E OF FILING	
This international application contains: (a) in paper form, the following number of sheets: request (including declaration sheets) : 6 description (excluding sequence listings and/or tables related thereto) : 21 claims : 3 abstract : 1 drawings : 31 sequence listings : 31 sequence listings : 31 sequence listings : 1 tables related thereto : (for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (c) below) Total number of sheets : 31	This international application is accompanied by the follow item(s) (mark the applicable check-boxes below and indicate right column the number of each item): 1. fee calculation sheet 2. original separate power of attorney 3. original general power of attorney 4. copy of general power of attorney; reference numbif any: 5. statement explaining lack of signature 6. priority document(s) identified in Box No. VI as item(s): 7. translation of international application into (language): 8. separate indications concerning deposited microorg or other biological material 9. sequence listings in computer readable form (indicate type and number of carriers) (i) copy submitted for the purposes of international Rule 13ter only (and not as part of the international additional copies including, where applicable, the	in of items : : : : er, : : : : : : : : : : : : : : : : : : :
(b) only in computer readable form (Section 801(a)(i)) (i) sequence listings (ii) tables related thereto (c) also in computer readable form (Section 801(a)(ii)) (i) sequence listings (ii) tables related thereto Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the sequence listings: tables related thereto: (additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)	additional copies including, where applicable, the purposes of international search under Rule 13ter (iii) together with relevant statement as to the identity copies with the sequence listings mentioned in let tables in computer readable form related to sequence (indicate type and number of carriers) (i) copy submitted for the purposes of international section 802(b-quater) only (and not as part of the application) (ii) (only where check-box (b)(ii) or (c)(ii) is marked in a additional copies including, where applicable, the purposes of international search under Section 80 (iii) together with relevant statement as to the identity copies with the tables mentioned in left column	r of the copy or fit column : listings search under international : left column) e copy for the 2(b-quater) : of the copy or :
Figure of the drawings which should accompany the abstract: Box No. X SIGNATURE OF APPLICAN' Next to each signature, indicate the name of the person signature.	Language of filing of the international application: T, AGENT OR COMMON REPRESENTATIVE ning and the capacity in which the person signs (if such capacity is not obvious)	s from reading the request).
For Avecia Limited - MOODY, DJ; WEL		
Date of actual receipt of the purported international application: Corrected date of actual receipt due to later be timely received papers or drawings completing the purported international application: Date of timely receipt of the required corrections under PCT Article 11(2):	ut ·	2. Drawings: received: not received:
	6. Transmittal of search copy delayed until search fee is paid For International Bureau use only	
Date of receipt of the record copy by the International Bureau:		